| In | de | X | of | Cla | ain | 15 |  |
|----|----|---|----|-----|-----|----|--|
|    |    |   |    |     |     |    |  |

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/997,080      | LEE ET AL.   |  |
| Examiner        | Art Unit     |  |
| TRONG PHAN      | 2818         |  |

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla                                    | , i san   | г            |                     |  |              | 204  |              |  |              | $\neg$   |
|--|---|--------------|---------------------|--|--------------|--|--------------|--|--------------|----------|
| Cla                                    |   | Date         |                     |  |              |  |              |  | $\dashv$     |          |
| Final                                  | Original  | 2/13/04      | 7/22/04             |  |              |  |              |  |              |          |
| 1                                      | 1   | v            | =                   |  |              |  |              |  |              | _        |
| 2                                      | 2   | T            | П                   |  |              |  |              |  |              |          |
| 3                                      | 3   | T            | Т                   |  |              |  |              |  |              |          |
| 4                                      | 4   | Т            | П                   |  |              |  |              |  |              |          |
| 6                                      | 5   | П            | П                   |  |              |  |              |  |              |          |
| 1<br>2<br>3<br>4<br>6<br>7<br>8        | 6   | П            | П                   |  |              |  |              |  |              |          |
| 8                                      | 1<br>2<br>3<br>4<br>5<br>6<br>7                         |              |                     |  |              |  |              |  |              |          |
| 9                                      | 8   |              |                     |  |              |  |              |  |              |          |
| 10                                     | 9   | Ш            | Ш                   |  |              |  |              |  |              |          |
| 11                                     | 10  | Ш            | Ш                   |  |              | L  |              |  |              |          |
| 12                                     | 11  | ЦĹ           | Щ                   |  |              |  |              |  |              |          |
| 13                                     | 12  | Ш            | $oxed{\bot}$        | <u> </u>   | <u> </u>     |  |              | Ш  |              |          |
| 14                                     | 13  | Ш            | $oldsymbol{\perp}$  |  | <u> </u>     |  |              | <u> </u>   |              |          |
| 10<br>11<br>12<br>13<br>14<br>15<br>16 | 9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | Ц.           | $oxed{\bot}$        | <u> </u>   | _            | <u> </u>   | _            | $oxed{oxed}$                                     |              | Щ        |
| 16                                     | 15  | Ш            | $oldsymbol{\perp}$  | _  | ₩            | <u> </u>   | <u> </u>     | $\vdash$   | _            | $\sqcup$ |
| 17                                     | 16  | 1            | $oldsymbol{\sqcup}$ | <u> </u>   | <u> </u>     | <u> </u>   | ļ_           | <u> </u>   | <u> </u>     | Щ        |
| 18<br>20<br>21                         | 17  | Ш            | Н                   | _  |              | <u> </u>   | <u> </u>     | L  | _            | Щ        |
| 20                                     | 18  | ₩            | Н                   | <u> </u>   | <u> </u>     |  | ļ            |  |              | Щ        |
| 21                                     | 19  | Ш            | 1                   | _  | L            |  | <u> </u>     |  |              |          |
| 22                                     | 20  | ٧.           | ᆖ                   | <u> </u>   | <u> </u>     |  | _            | <u> </u>   |              | $\dashv$ |
|  | 20<br>21<br>22<br>23                                    | <del> </del> | 1                   | $\vdash$   | _            |  | _            |  | _            |          |
| <u> </u>                               | 22  | H            | Н                   | -  | -            | -  | _            |  |              | $\vdash$ |
|  | 24  | H            | H                   | ┝  |              | _  | _            | _  |              | $\vdash$ |
| <u> </u>                               | 24  | H            | H                   |  | -            | ⊢  |              | -  | -            | Н        |
| 5                                      | 25  | <del>-</del> | Ė                   | ⊢  |              | ┝  |              |  | _            | Н        |
| 19                                     | 25<br>26<br>27<br>28<br>29                              | V            | =                   | $\vdash$   |              | -  |              | -  | ⊢            |          |
|  | 28  | ۲            | ⊢                   | -  | ┢            |  |              |  |              |          |
|  | 29  | -            | ┢                   | ├  |              |  |              |  | ┢            | Н        |
| <u> </u>                               | 30  | $\vdash$     | $\vdash$            |  |              | $\vdash$   |              |  | ┢            | Н        |
|  | 31  | H            |                     |  | -            | _  |              |  | <b>-</b>     |          |
| -                                      | 32  | T            |                     | Т  | Г            | $\vdash$   | T            | l  | Т            | П        |
|  | 33  |              | 1                   | $\vdash$   | Г            | <del>                                     </del> | Т            |  | Г            | П        |
|  | 34  | T            | 1                   | <del>                                     </del> |              |  |              |  | T            |          |
|  | 35  | T            | ľ                   |  |              |  | l            |  | Γ            |          |
|  | 36  |              |                     |  |              |  |              |  |              |          |
|  | 37  |              | L                   |  |              |  |              |  |              |          |
|  | 38<br>39  |              |                     |  |              |  |              |  |              |          |
|  | 39  |              |                     |  |              |  |              |  |              |          |
|  | 40  |              |                     |  |              |  |              |  | Ĺ            |          |
|  | 41  | $\Box$       |                     |  |              |  | L            |  |              |          |
|  | 42  | $oxed{\Box}$ | <u> </u>            |  | <u> </u>     |  | <u> </u>     | _  | L            | Ш        |
| <u></u>                                | 43  | $\vdash$     | <u> </u>            | L  | <u> </u>     | $ldsymbol{f eta}$                                | $oxed{oxed}$ | <u> </u>   | <u> </u>     | Щ        |
| <u> </u>                               | 44  | <u> </u>     | <u> </u>            | <u> </u>   | ļ            |  | <u> </u>     |  |              | Щ        |
| <u> </u>                               | 45  | ┞-           | <u> </u>            | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>     | <u> </u>   | $\vdash$     | <u> </u> |
| <u></u>                                | 46  | -            | _                   | <u> </u>   | $\vdash$     | <u> </u>   | <u> </u>     | <u> </u>   | <b> </b>     | <u> </u> |
| <u> </u>                               | 47  | ▙            | -                   | ļ  | <del> </del> | <u> </u>   | $\vdash$     | <del>                                     </del> |              | $\vdash$ |
| <u> </u>                               | 48  | -            | <b>├</b>            | ⊢  | <b>├</b> -   |  | <u> </u>     | <u> </u>   | _            | _        |
|  | 49  | ▙            | ├                   | <u> </u>   | <u> </u>     | _  | _            | <u> </u>   | <del> </del> | $\vdash$ |
| Щ.                                     | 50  | ]            | <u></u>             | <u> </u>   | <u> 1</u>    |  | <u></u>      | <u> </u>   | <u> </u>     |          |

| Cla      | aim            |          |          |          |          | ate      | •        |          |    |          |
|----------|----------------|----------|----------|----------|----------|----------|----------|----------|----|----------|
| Final    | Original       |          |          |          |          |          |          |          |    |          |
|          | 51             |          |          |          |          |          |          |          |    |          |
|          | 52             | $\Box$   |          | $\neg$   |          |          |          |          |    |          |
|          | 52<br>53       | $\Box$   |          | $\neg$   |          |          |          |          |    |          |
|          | 54             |          |          |          |          |          |          |          |    |          |
|          | 55             |          |          |          |          |          |          |          |    |          |
|          | 54<br>55<br>56 |          |          |          | $\neg$   |          |          |          |    |          |
|          | 57             |          |          | $\neg$   | $\dashv$ |          | _        |          |    |          |
|          | 58             | -        | $\vdash$ | $\neg$   |          | _        |          |          |    |          |
| $\vdash$ | 59             |          |          | $\dashv$ | $\neg$   |          |          |          |    |          |
| -        | 60             |          | $\Box$   |          |          | $\neg$   |          |          |    |          |
|          | 61             |          | Н        | $\neg$   | $\neg$   | $\neg$   | $\neg$   |          |    |          |
|          | 62             | -        | Н        | $\neg$   | $\dashv$ | $\neg$   |          | Н        |    |          |
|          | 63             |          | Н        | $\neg$   |          |          |          | Н        |    | _        |
|          | 63<br>64<br>65 |          | Н        | -        |          | $\neg$   |          |          |    |          |
| <b>—</b> | 65             | $\vdash$ | Н        | $\neg$   |          | $\dashv$ |          |          |    |          |
| $\vdash$ | 66             |          | -        | $\neg$   |          | $\dashv$ |          |          |    |          |
| <u> </u> | 66<br>67       |          | Н        | $\dashv$ | Н        | $\dashv$ | $\dashv$ | -        |    | -        |
|          | 68             | -        | H        | =        |          |          |          |          |    | -        |
| -        | 69             | H        | Н        | $\vdash$ | $\vdash$ | $\dashv$ |          |          |    | -        |
|          | 70             |          | Н        | H        | $\dashv$ | $\dashv$ | -        |          | -  |          |
| <u> </u> | 74             | H        | Н        |          | $\vdash$ | -        |          |          |    |          |
| ļ        | 70             |          | Н        | -        | _        |          |          |          |    | _        |
| <u> </u> | 71<br>72<br>73 |          | Н        |          | _        |          |          |          |    | _        |
|          | 13             |          | Н        |          |          |          |          |          |    |          |
| <u> </u> | 74<br>75       |          | Н        |          |          |          |          |          |    | <u> </u> |
| <u> </u> | 15             |          | <u> </u> | -        | $\vdash$ |          |          |          |    | <u> </u> |
| <u> </u> | 76             | -        | H        |          |          |          |          |          |    | _        |
|          | 77<br>78       | -        | H        |          |          |          | $\vdash$ |          |    | <u> </u> |
| <u> </u> | /8<br>70       | _        |          |          | _        |          | $\Box$   |          | _  |          |
| <u> </u> | 79             | _        | Щ        |          |          |          |          |          | _  |          |
| <u> </u> | 80             | <u> </u> | _        |          | Ш        |          | Ш        | _        |    |          |
| <u></u>  | 81             | ļ        | Щ        |          |          |          | Щ        | Щ        | _  | ļ        |
| <u></u>  | 82             | <u> </u> | Щ        | Ш        |          |          | Щ        |          | L. | ļ        |
| ļ        | 83             | <u> </u> | L.,      |          |          | Щ        |          |          |    | _        |
|          | 84             |          |          | _        |          |          |          |          |    |          |
|          | 85             | 匚        |          |          |          |          |          | Щ.       |    |          |
|          | 86             | 匚        |          |          |          |          |          |          |    |          |
|          | 87             |          | Ш        |          |          |          |          |          |    | _        |
|          | 88             | L        | L        |          |          |          |          | <u> </u> |    | <u> </u> |
|          | 89             | _        |          |          |          |          |          |          |    |          |
|          | 90             |          |          |          |          |          |          |          |    |          |
|          | 91             | ļ        |          |          |          |          |          |          |    |          |
| <u></u>  | 92             |          |          | L.       |          |          | <u>_</u> |          |    | L        |
|          | 93             |          |          |          |          |          |          |          | L_ | L        |
|          | 94             | _        |          |          |          |          |          |          |    |          |
|          | 95             |          |          |          |          |          |          |          |    |          |
|          | 96             |          |          |          |          |          |          |          |    |          |
|          | 97             |          |          |          |          |          |          |          |    |          |
|          | 98             |          |          |          |          |          |          |          |    | Г        |
|          | 99             |          |          |          |          |          |          |          |    |          |

|             |                   |              |          | -            |          |              |          |          |              |          |
|-------------|-------------------|--------------|----------|--------------|----------|--------------|----------|----------|--------------|----------|
| Cli         | aim               |              |          | -            |          | Date         |          |          |              | $\neg$   |
|             |                   |              |          |              |          |              |          |          |              |          |
| Final       | Original          |              |          |              |          |              |          |          |              |          |
| ፲፫          | Oric              |              |          |              |          | - 1          |          |          |              |          |
|             |                   |              |          |              |          |              |          |          |              |          |
| <u> </u>    | 101               |              |          |              |          |              | _        |          |              |          |
| <b>├</b>    | 102<br>103        |              | _        |              |          |              | _        |          |              |          |
| -           | 103               |              | _        |              | _        |              | _        | _        |              |          |
| -           | 104               |              |          |              | _        |              | _        | _        | -            | _        |
| -           | 105<br>106        |              |          |              |          | -            | _        |          |              | _        |
| $\vdash$    | 107               |              |          | _            |          | $\dashv$     |          | -        | -            | _        |
|             | 107<br>108        | -            | -        | _            | -        |              | -        | -        |              |          |
| <b> </b>    | 109               | _            |          |              | _        | =            | _        |          | $\vdash$     | _        |
| -           | 110               | Н            |          |              |          |              | $\neg$   |          |              |          |
|             | 111               |              | _        |              |          |              |          |          |              |          |
| <b>—</b>    | 112               | m            |          |              |          | П            |          |          |              |          |
|             | 113               |              |          |              |          | П            |          |          |              |          |
|             | 114               |              |          |              |          |              |          |          |              |          |
|             | 115<br>116        |              |          |              |          |              |          |          |              |          |
|             | 116               |              |          |              |          |              |          |          |              |          |
|             | 117               |              |          |              |          |              |          |          |              |          |
|             | 118<br>119        |              |          |              |          | Ш            |          |          |              |          |
|             | 119               |              |          |              |          |              |          |          |              |          |
|             | 120               | <u> </u>     |          |              |          |              |          |          |              |          |
|             | 121<br>122        | _            |          | _            |          |              |          |          | _            |          |
|             | 122               |              |          |              | <u> </u> |              |          | -        |              |          |
| <u> </u>    | 123<br>124<br>125 |              |          |              | _        | _            |          | _        |              |          |
| -           | 124               | _            |          |              | _        |              |          |          | H            |          |
| -           | 125               |              |          |              | -        |              |          |          |              |          |
|             | 127               |              |          |              |          | -            | _        | -        |              |          |
|             | 126<br>127<br>128 | -            |          |              |          | -            |          | -        | $\vdash$     |          |
|             | 129               | $\vdash$     |          |              |          |              |          |          |              | _        |
| <del></del> | 129<br>130        | -            |          |              |          |              |          |          | -            | _        |
|             | 131               | <u> </u>     |          |              |          | Н            |          |          |              |          |
|             | 132               |              |          |              |          |              |          |          |              |          |
|             | 133               |              |          |              |          |              |          |          |              |          |
|             | 134               | T            |          |              |          |              |          |          |              | ,        |
|             | 135               |              |          |              |          |              |          |          |              |          |
|             | 136               |              |          |              |          |              |          |          |              |          |
|             | 137               |              |          |              |          |              |          |          |              |          |
|             | 138               |              |          | L            | $\Box$   | $oxed{oxed}$ |          | L        |              | <u> </u> |
| <u></u>     | 139               | <u> </u>     | L        | $oxed{oxed}$ | <u> </u> |              |          | _        |              |          |
| <u> </u>    | 140               | <u> </u>     |          |              | ļ        | ļ            |          | <u> </u> | <u> </u>     | L        |
| <u></u>     | 141               | <u> </u>     | _        | $\vdash$     | <u> </u> | <u> </u>     | _        | <u> </u> | L            | L        |
| <b> </b>    | 142               | <del> </del> | <u> </u> | <u> </u>     | $\vdash$ | $\vdash$     | _        | <u> </u> | <u> </u>     | _        |
|             | 143               | $\vdash$     | _        | $\vdash$     | -        |              | <u> </u> | $\vdash$ | <del> </del> | $\vdash$ |
|             | 144               | ⊢            |          | -            | -        |              | ├        | <u> </u> | $\vdash$     | -        |
|             | 145<br>146        | -            | -        | $\vdash$     | ⊢        | -            |          |          | -            | -        |
| -           | 146               | $\vdash$     | -        | $\vdash$     | $\vdash$ |              |          | ┝        | -            | -        |
| -           | 148               | <del> </del> | ļ        | ┢╌           | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$     | ⊢        |
| <b>—</b>    | 149               | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$ | -            | -        | $\vdash$ | -            | $\vdash$ |
|             | 150               | <u> </u>     | -        | $\vdash$     | $\vdash$ | $\vdash$     | -        | $\vdash$ | _            | $\vdash$ |
|             |                   | 1            | -        | Ь            | 1        |              |          |          |              |          |